

Moving Beyond Manual: Digital Workflows for the Built Environment Recognizing what's at stake with building efficient operations, business and technology leaders

across Architecture, Engineering, Building, and Construction are seeking to automate workflows. A new survey¹ of decision-makers in these industries finds, surprisingly, the use of too many manual applications is standing in the way of that goal.

manually tend to use the most applications. Number of software applications or tools used on a day-to-day basis to manage project workflows by "percentage of your business' workflows are handled manually"

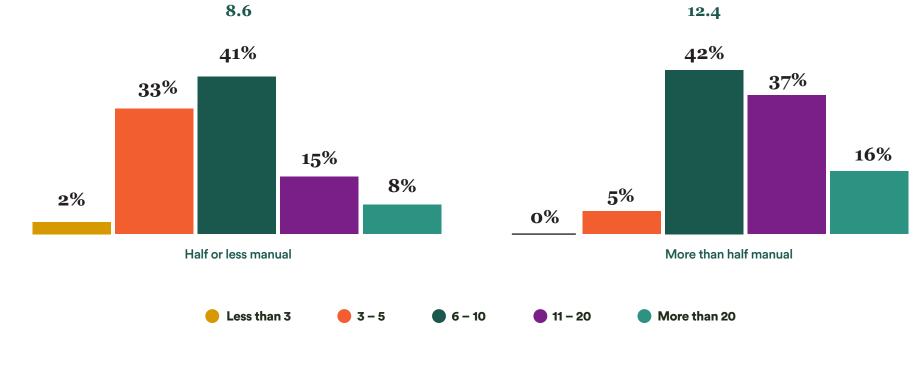
Those that manage more than half of their workflows

Average

half of respondents for key tasks.

38%

37%



Average

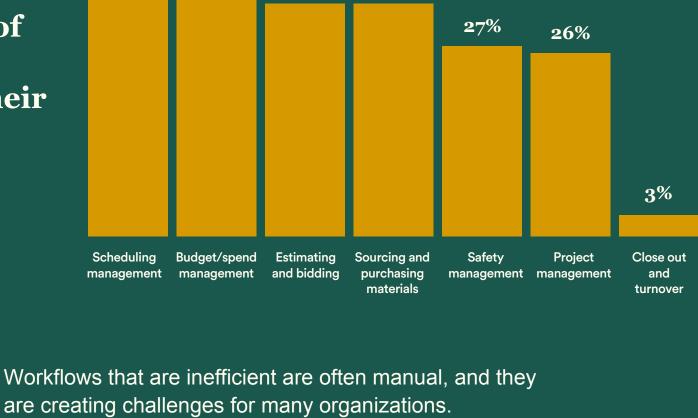


33%

Automation offers a potential solution, increasing efficiency by

doing away with manual workflows, but it is used by less than





37%

30%

26%

33%



Rework due to miscoordination

automation.

42%

42%

after features.

Processes that would benefit most from automation

40%

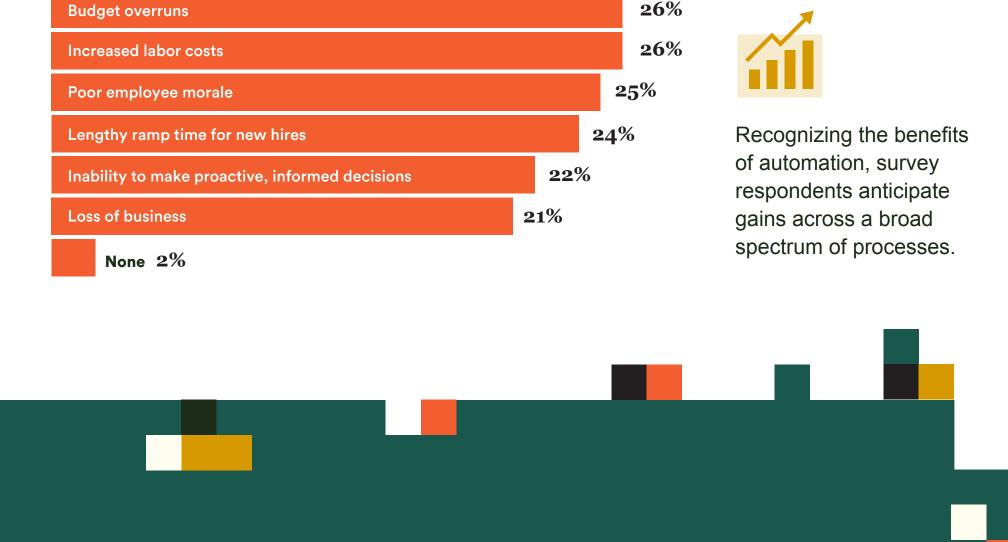
Regulatory fines 31% Lower overall productivity

Almost all firms are seeing the negative impact of

Low/eroding operating margins

inefficient workflows, especially fines.

Impacts experienced due to workflow and/or technology-related inefficiencies



25%

31%

31%

30%

30%

21%

36%

34%

34%

34%

34%

31%

30%

Scheduling and management of cost, suppliers, and

safety would be the biggest beneficiaries from

39%



Ability to centralize and standardize data across multiple teams, sites Ability to build and collaborate on reports, charts and dashboards for real-time visibility

Ability to grant stakeholders varying levels of access and permissions to access data

Integration, real-time data access, and

Desired features of a workflow management software platform

Ability to easily integrate with exisiting systems

Ability to collect and access real-time data

Ability to store documents, files, images

contractual issues/agreements internally

Ability to securely share client data, requirements,

centralization capabilities are highly sought-

30% Ability to build custom/conditional workflows based on their unique process **29%** Ability to automate manual workflows **26%** Cloud-native platform (built to run in the cloud) Mobile data access — providing field teams

23%

Bottom line

on site with visibility into project data

The challenges posed by manual processes are clear, and organizations recognize the value of automation to increase the efficiency of key workflows.

Relying on manual processes is a risk for your business. See why workflow automation is the way to take control.

Learn More

The Foundry MarketPulse spring 2022 survey of 125 respondents explores the current state of digital workflows, adoption and maturity of low code, in order to understand the related trends and challenges impacting implementation. To qualify for the survey, respondents were required to be employed at an Architecture, Building, Construction, or Engineering company with 250 or more employees in a manager or above role in across most lines of business.